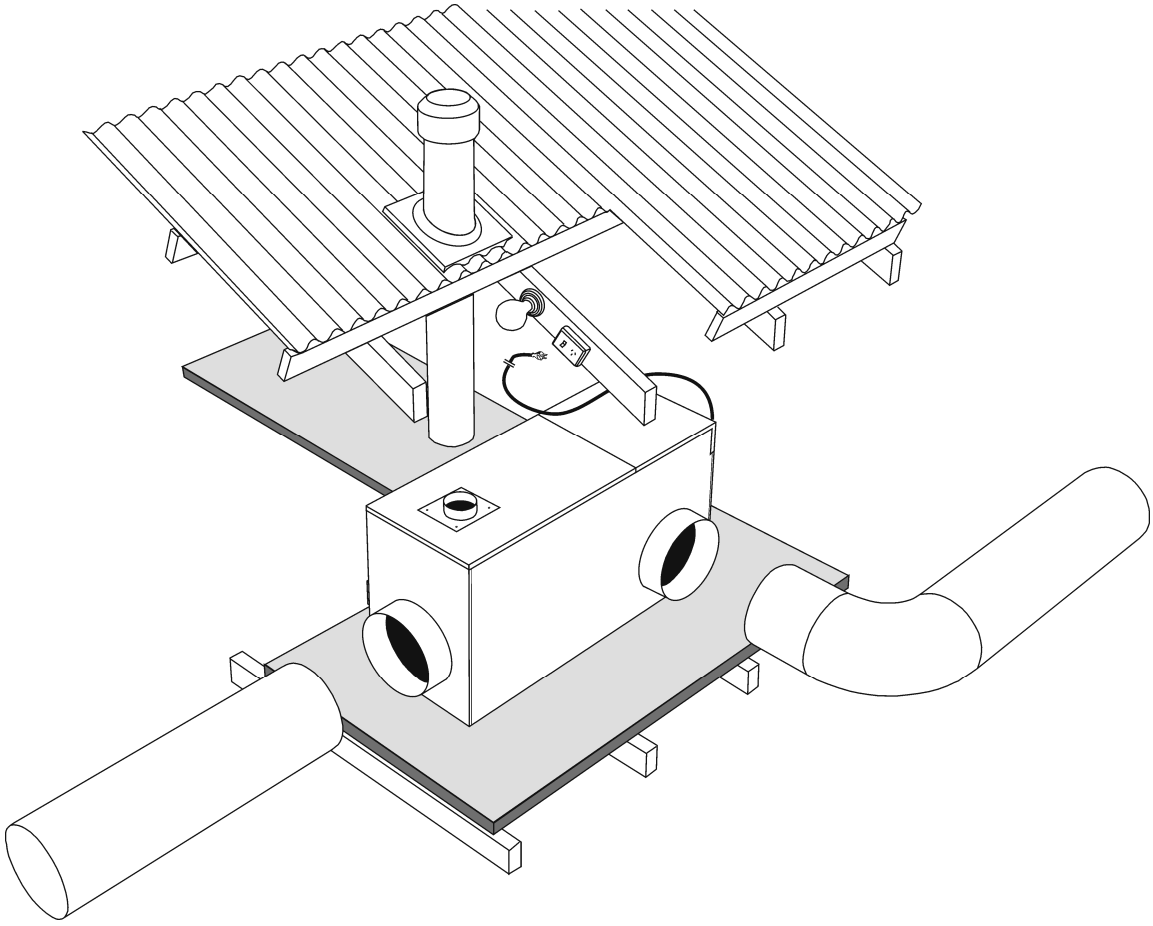
Mid Efficiency
Ducted Gas Central Heater



Owner's Operation and Maintenance Manual

Please keep this important manual in a safe place. It is the owner's responsibility to ensure that regular maintenance is carried out on this Ducted Gas Central Heater. Failure to do so will void all guarantees beyond statutory and legal requirements.

Part No. 5312250/B

Owner's Manual

CONGRATULATIONS ON YOUR CHOICE.

Congratulations on purchasing this 3 star mid efficiency gas central heating system, an exciting new product manufactured by Climate Technologies.

Wholly designed and manufactured in Australia, this Mid Efficiency Ducted Gas Central Heater represents an exciting new development in warm air furnace design. It embodies the latest advances in gas heating technology.

Your heater is supported by Climate Technologies, Australia's most advanced manufacturer of a complete range of climate control products.

To ensure you fully enjoy the benefits of this Mid Efficiency Ducted Gas Central Heater, please read these instructions carefully and keep them handy for future reference.

Operated and maintained in accordance with this manual, this unit will provide you with years of quiet, warm and environmentally friendly operation. Please take the time to read this manual.

'Due to Climate Technologies policy of continuous product improvement, design and technical specifications are subject to change without notice.'

E.&O.E.

GENERAL INFORMATION.

Important Notice.

If an appropriately qualified person is not used to install the equipment or if it's not installed according to the guidelines, then Climate Technologies will not accept responsibility for any problems, which occur as a result.

Data Location.

Your appliance model number, serial number and model description are located on the appliance data plate on the end of the heater in the vicinity of the electronic controls access. These details should also be in the warranty section of this booklet.

You will need this information, should your appliance require servicing, spare parts or just if you require additional information about this product.

Assembly.

There is no assembly required of this Mid Efficiency Ducted Gas Central Heater. Your Dealer or installer will carry out all assembly and commissioning upon installation.

Owner's Manual

CONTENTS.

CONGRATULATIONS ON YOUR CHOICE. 2
GENERAL INFORMATION. 2
Important Notice. 2
Data Location. 2
Assembly. 2
CONTENTS. 3
SAFETY 4
Precautions. 4
Features. 4
Power or Gas interruption. 4
OPERATION. 5
Operating Instructions 5
Thermostat Function 5
Quick Start 5
Control Options. 6
Manual Wall Control - Campini 6
Electronic Wall Thermostat - Honeywell 6
Manual Wall Control - White Rodgers 7
Electronic – 9600 Robert Shaw 7
MAINTENANCE. 8
Cleaning. 8
Scheduled Maintenance. 8
PROBLEM SOLVING. 9
WARRANTY DETAILS. 10
Warranty Statement. 10
Conditions And Exclusions 10
Poof of purchase 11
SERVICE. 12
Service Division. 12

Owner's Manual

SAFETY

Safety & Owner Responsibility

The manufacturer and its service providers reserve the right to refuse service unless safety and accessibility to the unit can be guaranteed. The cost of any extra equipment required to provide access to the unit for servicing is the responsibility of the owner.

Precautions.

DO NOT PLACE ARTICLES ON OR AGAINST THIS APPLIANCE.
DO NOT USE OR STORE FLAMMABLE MATERIALS NEAR THIS APPLIANCE.
DO NOT SPRAY AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHILE IT IS IN OPERATION.
DO NOT PLACE ARTICLES IN FRONT OF OR OVER THE RETURN AIR GRILLE.

Features.

Your Mid Efficiency Ducted Gas Central Heater has all the safety devices to ensure safe operation. These devices conform to the standards set out by the Australian Gas Association.

Power or Gas interruption.

Should there be an interruption to the power supply during the heating operation the controls will automatically turn off the gas.

The heater will automatically resume operation once the power has been restored.

Should there be an interruption to the gas supply, the heater will endeavour to re light 3 times and if unsuccessful will lock out. (This is part of the safety features). Should this occur the heater will need to be reset. Please refer to your problem-solving chart.

Owner's Manual

OPERATION.

Operating Instructions

Before operating your mid efficiency central heater ensure the following: -

1. The product has been commissioned ready for use**. If you have not been shown how to operate the unit or the appliance has not been commissioned, please contact your installer.**
2. The gas isolating cock is in the ON position.
3. The power is turned on to the unit.

Your mid efficiency central heater has **NO** pilot to light.

Your Mid Efficiency Ducted Gas Central Heater may come with either one of a range of operating controls depending on which model you have purchased. Listed below are the different controls and their operation.

The "Quick Start" is a general operating instruction. You should refer to the individual controls listed further below for more detailed instruction.

Thermostat Function

The function of the room thermostat is to maintain the room temperature at the set temperature selected.

Once the heater has reached set temperature the unit will stop. Once the room temperature has dropped below the set temperature the unit will restart maintaining as close as possible the set temperature.

Quick Start

- To operate your central heater follow these steps: -
  1. Switch the thermostat control to the ON position.
  2. Adjust the temperature to a setting higher than room temperature.
  3. The unit will commence heating in approximately 30 seconds.
  4. When turning the unit off, the fan will continue to run for approximately 80 seconds for the cool down cycle.

  Should the heater not light the first time turn the thermostat to the OFF position and repeat steps 1,2 &3.

- The heater will not operate without 240-Volt power supply to the unit.

- Should there be an interruption to the power supply during the heating operation the controls will automatically turn off the gas.

- The heater will automatically resume operation once the power has been restored.

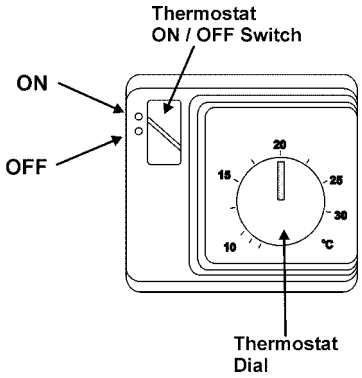
Do not close off floor or ceiling registers without referring to your installer about the duct design. Closing of registers may cause your heater to stop because of over temperature and cause an unnecessary service call not covered by warranty.

CONTROL OPTIONS.

Manual Wall Thermostat - Campini

To operate your Mid Efficiency Ducted Central Heater fitted with this manual wall control: -

1. To turn ON, slide the ON / OFF switch up to the ON position.
2. Adjust the thermostat knob to the desired temperature.
3. To turn OFF, slide the ON / OFF switch down to the OFF position.

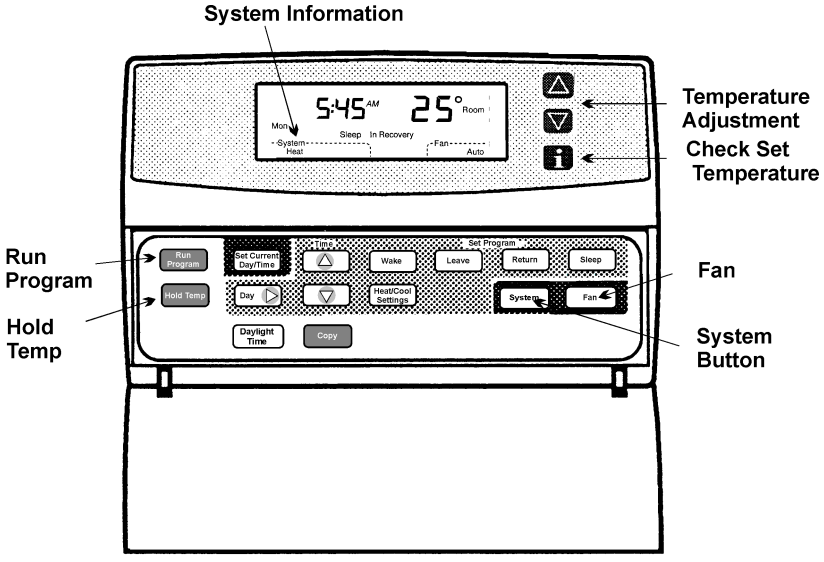


The function of the room thermostat is to maintain the room temperature at the set point selected. Once the heater has reached set temperature the unit will stop. Once the room temperature has dropped below the set point the unit will restart maintaining the set temperature.

Electronic Wall Thermostat - Honeywell

To operate your Mid Efficiency Ducted Gas Central Heater fitted with this electronic wall control: -

1. Open the door of the thermostat
2. Press the system button to select Heat.
3. Selecting the set temperature
   - Press the HOLD TEMP button. This will over ride any programs set.
   - Using the ▲▼ buttons by the screen display to adjust the set temperature.
   - For heating if the set temperature is greater than the room temperature the flame symbol will appear by heating to indicate the heater is operating.
   - To check set temperature press the **i** button under the ▲▼ buttons.



3. To turn the thermostat off
   - Open the door of the thermostat
   - Press the system button to select until the OFF appears.

The function of the room thermostat is to maintain the room temperature at the set point selected. Once the heater has reached set temperature the unit will stop. Once the room temperature has dropped below the set point the unit will restart maintaining the set temperature.

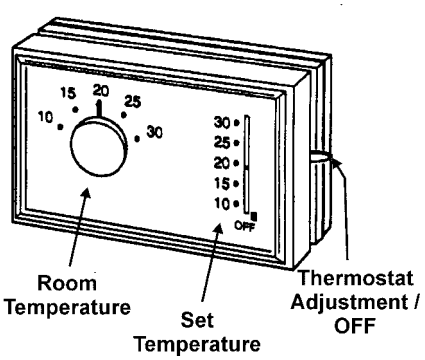
For setting the time and other programming options refer to your Honeywell Deluxe Programmable Thermostat instruction booklet provided.

Owner's Manual

Manual Wall Thermostat - White Rodgers

To operate your Mid Efficiency Ducted Gas Central Heater fitted with this manual wall thermostat: -

1. To operate unit, set thermostat temperature greater than the room temperature
2. To adjust the temperature slide the thermostat adjustment knob to the desired temperature
3. Turn the unit OFF simply slide the thermostat adjustment knob down to the OFF position.



The function of the room thermostat is to maintain the room temperature at the set point selected. Once the heater has reached set temperature the unit will stop. Once the room temperature has dropped below the set point the unit will restart maintaining the set temperature.

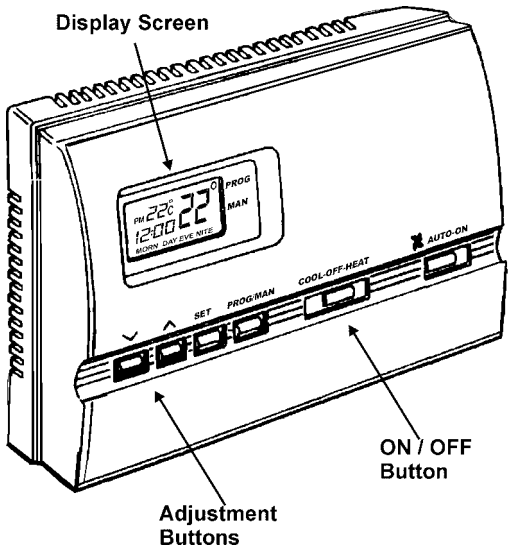
Electronic Wall Thermostat – 9600 Robert Shaw

To operate your Mid Efficiency Ducted Gas Central Heater fitted with this electronic wall thermostat: -

1. Selecting the product to function using the COOL–OFF– HEAT switch.

2. Selecting the set temperature
   - Press the PROG/MAN button until indicator is in MAN position. This will over ride any programs set.
   - Using the ▲▼ buttons under the screen display to adjust the set temperature.
   - For heating, once the temperature set is greater than the room temperature the heater will begin operation.

   - To turn the product off, select OFF using the COOL-OFF-HEAT switch.



The function of the room thermostat is to maintain the room temperature at the set point selected. Once the heater has reached set temperature the unit will stop. Once the room temperature has dropped below the set point the unit will restart maintaining the set temperature.

For setting the time and other programming options refer to your thermostat instruction booklet provided.

Owner's Manual

MAINTENANCE.

Cleaning.

Warning: Before commencing any maintenance work on your unit, isolate the power at the supply (Fuse Box).

Note: It is essential that your central heater be maintained in accordance with this manual. Failure to do so will effect the life of the product and reduce the level of efficiency.

Motor and Fan
Check that the fan spins freely and that there is no build up on the blades.

Electrical
No general maintenance is required to the electrical system.
A Qualified Electrician should only carry out electrical connections and maintenance.

Return Air Grille Filter.
If your heating system has a filter in the return air grille, it is extremely important is cleaned on a regular basis to ensure correct operation of the heating unit. Failure to do so may cause your heater to stop because of over temperature and cause an unnecessary service call not covered by warranty.

Flue.
The flue and cowl assembly should be clean and free of obstructions.

Other Items.
There are other items your Climate Technologies service technician will attend to on scheduled maintenance.

Scheduled Maintenance.

Your Mid Efficiency Ducted Gas Central Heater should be serviced annually to ensure trouble free operation. Please contact the service division as per page 12.

Owner's Manual

PROBLEM SOLVING.

Central Heater will not operate!

	Question	Y/N	Solution
1.	Has the unit been run since installation?	Yes	Refer to question 4
		No	Check the unit is turned on at the power point and the gas cock is turned on. Call the installer to commission the unit.
2.	Is the unit installed in a new home?	Yes	Refer to question 3
		No	Refer to question 4
3.	Has the installer run the unit?	Yes	Refer to question 4
		No	Check the unit is turned on at the power point and the gas cock is turned on. Call the installer to commission the unit.
4.	Is the set temperature greater that the room temperature?	Yes	Press the reset buttons or turn the unit off then on to reset unit. If the unit still does not start call for service. (refer to solution 6 for reset instructions)
		No	Increase the set temperature so the thermostat calls for heat.
5.	Is the thermostat in program mode? (Electronic Controller only)	Yes	The heater may be programmed to be OFF. To operate the heater manually press the Manual / Auto button until the MANUAL is displayed. Adjust the room thermostat greater than set temperature.
		No	Adjust the room thermostat greater than set temperature.
6.	Has there been a known power surge?	Yes	Reset the unit. This can be done by: 1. Turn the power OFF the ON at the power point 2. Turn the control to OFF 3. Pressing the reset button on the circuit control board
		No	Unit should operate normally. If not a service call will be required.

THIS TROUBLE SHOOTING GUIDE IS A REFERENCE ONLY.
FOR SERVICE OR WARRANTY REQUIREMENTS PLEASE REFER TO
PAGE 12
OR
YOUR NEAREST CLIMATE TECHNOLOGIES SERVICE PROVIDER.

Owner's Manual

WARRANTY DETAILS.

Warranty Statement.

Subject to the following conditions we provide, from the date of purchase, the following warranty:

Any part found to be defective in workmanship or material within the period of warranty will be replaced free of charge.

The structural warranty covers any structural components within the unit, which fail to perform their intended function due to faulty manufacture or deterioration within the warranty period.

Conditions And Exclusions

- Travelling time and mileage are included within the metropolitan areas of capital cities (those areas not on STD phone numbers) or within 25km of the service provider's premises in other cases. Customers in areas other than the above are responsible for any travelling time and mileage required to carry out warranty repairs.

- The product must have been installed in the manner prescribed by local statutory regulations and to the manufacturer's specifications by a qualified person.

- Service within the terms of this warranty will be recognised where we are satisfied that the appliance or part was supplied within the relevant time limits. Documents of purchase and Dealer/Installer information will assist in this process.

- A charge will be made for work or a service call where there is nothing wrong with the appliance or where the defective operation of the appliance is due to failure of electricity or gas supply, or where defects are caused by neglect, incorrect application, abuse or by accidental damage of the appliance, or by an unauthorised person attempting to repair the appliance.

- No responsibility will be accepted for outside elements such as pests, pets and vermin that may cause damage to the unit.

- Harsh environmental situations such as salt air that may cause cabinet or electronic damage can not be considered warranty.

- No responsibility will be accepted for any loss or damage, direct or indirect, arising from the incorrect installation or operation of the unit. This does not preclude you from your statutory rights as a customer.

NOTE: In addition to this warranty, the Trade Practices Act and similar laws in each state provide the owner, under certain circumstances, with minimum statutory rights in relation to the product.

This warranty must be read subject to that legislation and nothing in this warranty has the effect of excluding, restricting or modifying those rights.

Owner's Manual

WARRANTY ON REPLACEMENTS PARTS.
Parts replace under warranty are warranted for the balance of the original warranty period.

PERIODS OF WARRANTY – YEARS

Unit Components	RESIDENTIAL		COMMERCIAL	
	Parts	Labour	Parts	Labour
Heat Exchanger	10	3	2	2
Burner	10	3	2	2
All other components	3	3	1	1

Dealer / Product Information

Dealer/Retailer:	
Dealer Address:	
Dealer Phone Number:	
Unit Model Number:	
Serial No:	
Date Installed:	
Installed by:	
Dealer Stamp:	

Poof of purchase

It is important that the name of the Dealer or Retailer from whom you purchased your heater and the name of the installer is recorded above. The installer is responsible for the correct installation, start up and demonstrating the operation of this heater. He is also responsible for issuing the relevant certificates of compliance for the electrical and gas connections. (These may differ from state to state)

Please attach your proof of purchase here. Your receipt is your warranty will be required to validate any warranty.

SERVICE.

Any service work carried out on your mid efficiency product should be conducted by a qualified service technician.

It is important that periodical service is carried out on your product to ensure your will receive the efficiency benefits the product provides.

Warranty service must be carried out by an authorised Climate Technologies service provider.

Service Division.

For Metro Service Only Ring the Number Below

South Australia	**08 8307 5230**	For service in
NSW/ACT	**02 6953 5968**	**New Zealand** call
Western Australia	**08 9358 4755**	**0800 161 161**
Victoria	**03 8795 2456**	(Aber Ltd)

Sales

If you require further advice or information contact Climate Technologies.

Customer Sales Centre
Australia

131257
(Local Call)

New Zealand

0800 161 161
(Aber Ltd)

Manufactured by:
CLIMATE TECHNOLOGIES ABN 13 001 418 042

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n the interest of continued improvement, Climate Technologies reserves the right to alter specifications without notice. E.&O.E.